Application or Docket Number						
PATENT APPLICATION FEE DETERMINATION RECORD  Effective January 1, 2003						
CLAIMS A	SMALL ENTITY		ER THAN			
TOTAL CLAIMS (Cotumn 1)		(Column 2)	RATE FEE			
FOR NUMBER FILED		NUMBER ENTRA	BASIC FEE 378.0	_		4
TOTAL CHARGEABLE CLAIMS	77 minus 20=	• 0	XX 9+	OR X\$18		
INDEPENDENT CLAIMS 3 - 0		8	X42.	OR X84		
MULTIPLE DEPENDENT CLAIM PRESENT			1460			
* If the difference in column 1 is less than zero, enter "O" in column 2			+140=	OR TOTA		
CLAIMS AS AMENDED PARTILLAN OTHER THAN						
(Column 1)	(Colu		SMALL ENTIT		LENTITY	
REMARKS AFTER AMENDMENT  Total	NUM PREVIO PAID	DUSLY EXTRA	RATE TION	AL PATE	ADDI- TIONAL FEE	
Total · )	Minus 40	OW.	X\$ 9=	OR XEAR	146	
Independent • FIRST PRESENTATION OF M	Minus	7 4_	X42=	OR · X84:		
	CLIVIC CHOCK		+140=	OR +280		7
1-31-0 (00000000000000000000000000000000000			TOTAL ADDIT, FEE	OR ADDIT, F		071)
CLANS	(Colu					much
REMAINING AFTER AMENDMENT Total • V Independent • 3	HIGH NUM PREVI	BER PRESENT DUSLY EXTRA	PATE TION	L RATE		100
Total	Minus •• 🗙	4 . 7	XS.9.	OR X\$18	FEE	<b>'</b> .
Independent • 3	Minus ese	5 -0	X42=	-		·
FIRST PRESENTATION OF MILITIPLE DEPENDENT CLAIM						
	•		+140= /101AL	OR +280		
2-24-86 (Confurm 1)			ADDIT, FEE	LA ADOIT. F		·
CLAIMS	(Cotur					i . '
REMAINING AFTER AMENDMENT	PREVIC PAID	AUSLY EXTRA	PATE TIONA	L RATE	ADDI- TIONAL FEE	
Total • 20 Independent • 3	Minus • 2	9 . 8	X\$ 9=		7	
independent • 3	Minus use		X42•			
FIRST PRESENTATION OF ME	ULTIPLE DEPENDENT	CLAIM		┦‴├─	<del>-                                     </del>	
* If this entity in column 1 is less than the entry in column 2, we'll "" in column 3.						
"If the Plighest Number Previously Paid For IN THIS SPACE is less than 20, enter "20."  ADDIT. FEE OR ADDIT. FEE						
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.						

na Officia, U.S. DEPARTMENT OF COM

FORM PTO-678 (Rat 1202)